

ABSTRACT OF THE DISCLOSURE

A sheet feeding system in which the idler roller shafts are loosely mounted between opposing side walls of a slot for limited movement relative to their mating sheet feeding rollers, and spring biased theretowards to provide sheet feeding nips with the desired normal force, wherein the spring biasing is nonsymmetrical to additionally provide an orthogonal spring biasing of the idler shafts towards only one of the side walls of their mounting slots. This nonsymmetrical spring biasing may be provided by a torsion spring with a central coil wrapped around the idler shaft and extending legs anchored in nonsymmetrical anchoring positions and/or with nonsymmetrically shaped legs.